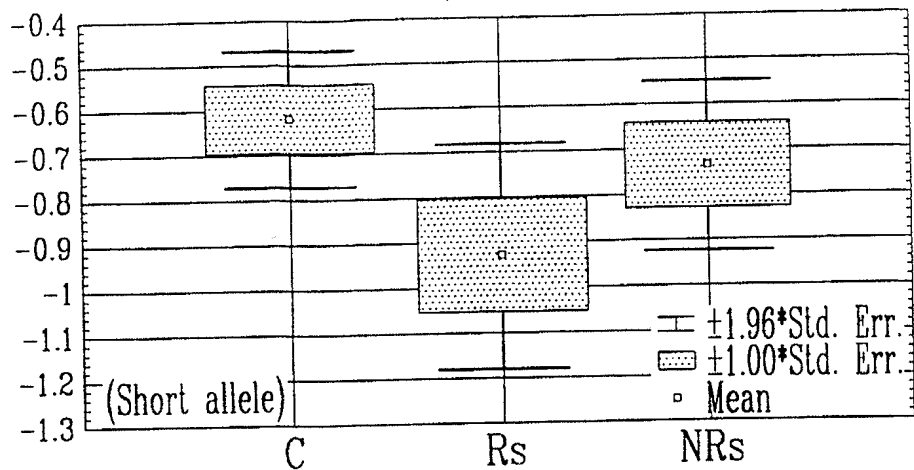
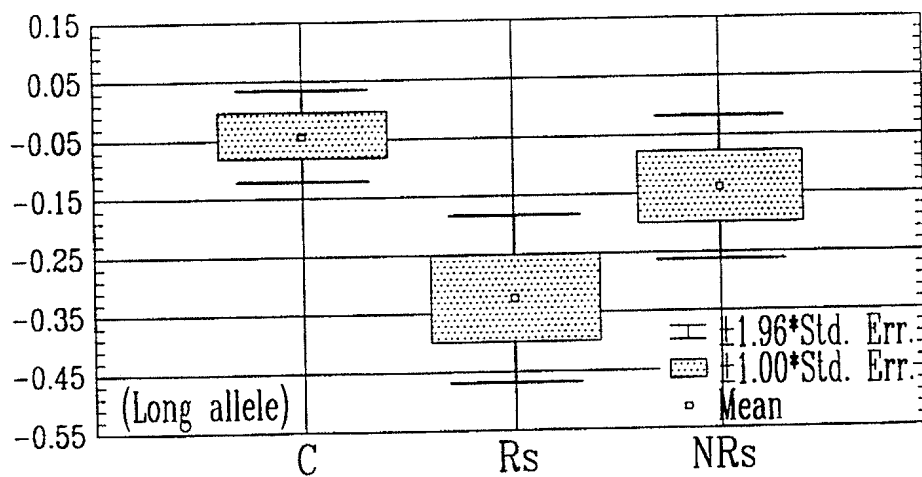


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O.G. FIG.		CLASS SUBCLASS

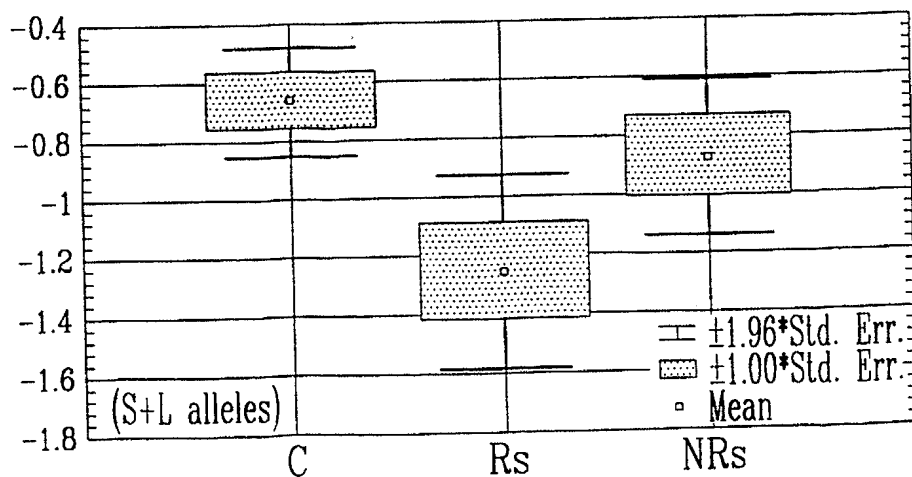
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1A



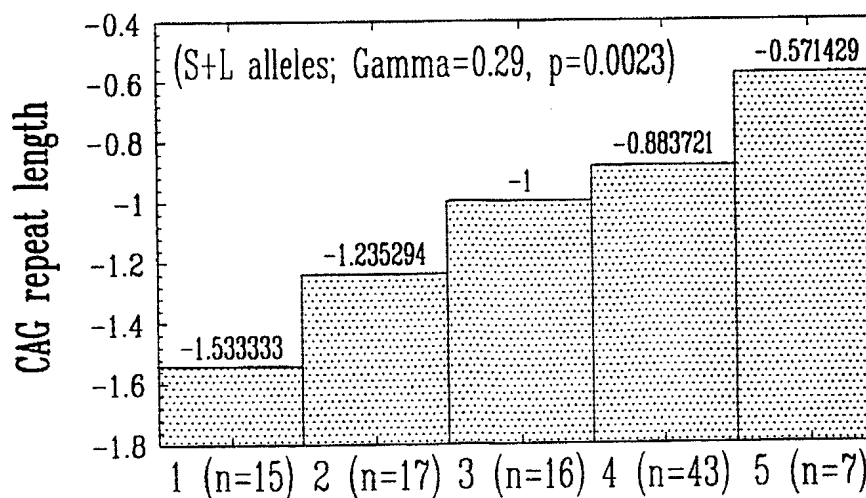
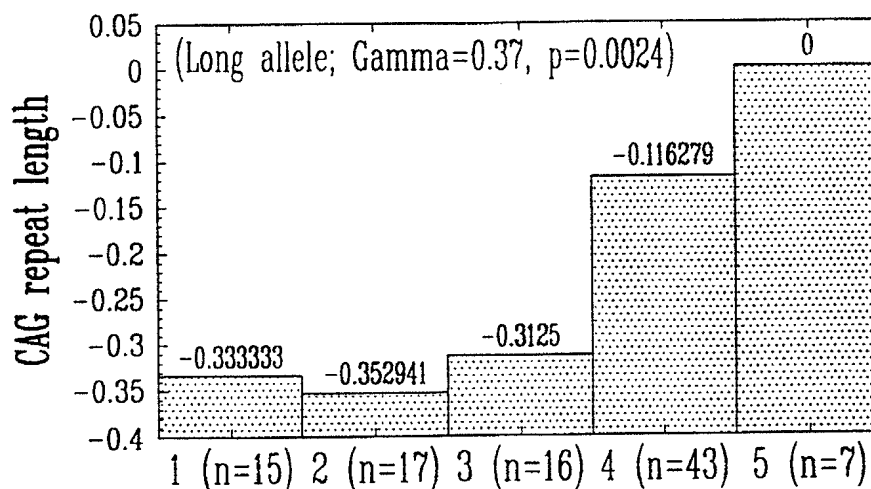
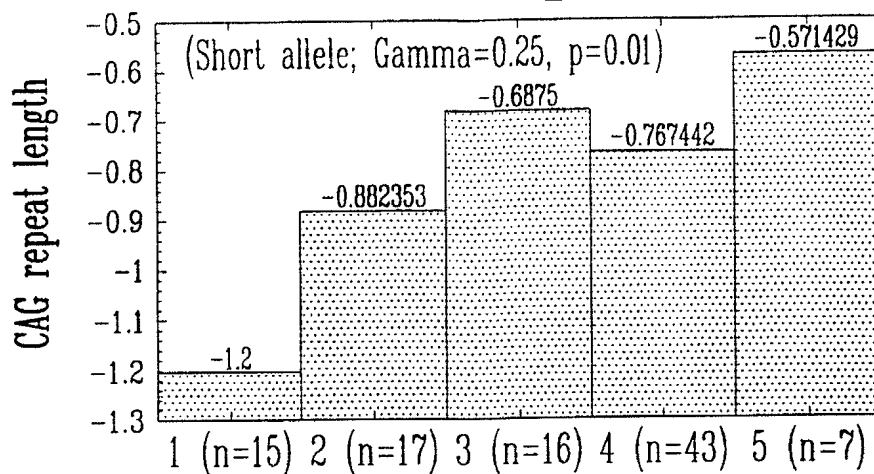
1B



1C

APPROVED	O.G.FIG.
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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homology between the human GCT10D04 sequence and the mouse GT1 gene

		130	140	150	160	170	180
D29801M (1>600)	→	AGGGCAGCCACTT	TCCCAGCAT	TCCCAGT	CCTTCCCTACCT	CCTCCTCCACT	TATGCCCAA
GCT10D04 (1>320)	←			TCCTTCCCACCT	CCTCCTCCACCT	ACTCCTCCT	
		190	200	210	220	230	240
D29801M (1>600)	→	AGGGCAGCCACTT	CCCCAGCAT	TCCCAGT	CCTTCCCTACCT	CCTCCTCCACT	YAYKCCYCMW
GCT10D04 (1>320)	←						
		250	260	270	280	290	300
D29801M (1>600)	→	CAGCCTCATGAT	AGGCCGAT	GAGTGCCCA	TGCGAACCT	GGCTCCAGGG	CAACGGGTCCAG
GCT10D04 (1>320)	←	CAGCCCCATG	ACAGGCCGCT	GACTGCCAG	CTCCAGCCT	GGCCCCGGG	GAGCGGGTCCAG
Oligo SCZ-15 (1>24)	→					GGGGCAGCG	GGGTCCAG
		CAGCCYCATG	AYAGGCCG	MTGASTGCC	ARYKCSARC	CTGGCYCC	RGCGGTC

FIG. 3A

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APPROVED	O.G. FIG.	
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PCT/CA98/00884

	310	320	330	340	350	360
D29801M (1>600)	→	AATCTTCAGCGTTACCAAGCTGGCCGCTTGCTACGA-----				
GCT10D04 (1>320)	←	AATCTTCATGCCTACCAAGTCGGCGGCTCAGCTATGACCAAGCAGCAGCAGCAGCAG				
Oligo SCZ-15 (1>24)	→	AATCTTC				
	370	380	390	400	410	420
D29801M (1>600)	→	AATCTTCAYGCTACCAAGYCKGGCCGCTYRGCTAYGaccagcagcagcagcagcag				
GCT10D04 (1>320)	←	-----GCAGCAGCAGCAAGCACTTCAAGGCCGTCAACACACCCAGGAACACTCCAC				
		CAGCAGCAGCAGCAGCAAGCCCTTCAGAGCCGGCACCATGCCCAGGAACCTCCAT				
		cagcagcaGCAGCAGCAGCAAGCMCTTCARRGCCGKCAACCAIRCCCAGGAACMCTCCAY				
	430	440	450	460	470	480
D29801M (1>600)	→	TACCAGAACCTCGCCAAGTACCAACTATGGACAGCAAGCCAGGGCTACTGTCCA-CC				
GCT10D04 (1>320)	←	TACCAAAACCTCGCCAAGTATCAGCACTACGGGCAGCAAGGCCAGGGCTACTG-CCAGCC				
Oligo SCZ-16 (1>23)	←	AGCACTACGGGCAGCAAGGCCAG				



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ggatccagcaggcccaaggggatgagggagcggaattgctctgctaaatgctttgagctgtca
 ggaagggctgggagtgatgggtgggggacattggggaggagctggcaatgggcggggggggg
 gcgggtagctccccagtgacctggcgctgggcagccggtttgctcccgcatcagtgccgctcct
 ggcaagactcagctgcaggcgaatgtgggagcggaattacagagcacacctccctgacacaga
 agttgtcaatatgcgcacagctggtggggaggctcaggcgaaggggggactattaagagctgcg
 cgggggagcaggcagggtggggagggtgggtgggagggtgctttctgaggcaaaaggaagtgg
 cccgtctgaatcgctcatcctctgccccctccctgcccacccctccctccctccctccctcc
 cttccttttctttcaCAGATAACCCAGCCCGAGTCATGCAGTCTTTTCGAGAA
 AGGTGTGGTTTCCATGGCAAACAACAGAACTACCAGCAGACCTCG
 CAGGAAACATCACGCCTAGAGAATTACAGGCAGCCGAGTCAGGCC
 GGGCTAAGCTGCGACCGGCAGCGGCTGCTCGCCAAGGACTATTAT
 AACCcGCAGCCTTACCCGAGCTATGAGGGTGgCGCTGGCACGCCcT
 CTGGCACTGCAGCCgCGGTGGCCGCCGACAAGTACCACCGAGGC
 AGCAAGGCCCTGCCCACACAGCAAGGCCTGCAGGGGAGGCCGGC
 TTTCCCTGGcTACGGCGTCCAGGACAGCAGCCCCTACCCAGGCCG
 CTATGCTGGTGAGGAGAGCCTTCAGGCTTGGGGGGCCCCACAGC
 CACCACCCCCACAGCCGCAGCCACTACCTGCAGGGGTGGCCAAGT
 ATGATGAGAACTTGATGAAAAAGACAGCAGTGCCCCCAGCAGGC
 AGTATGCAGAGCAGGGCGCCAGGTGCCCTTTCGGACTCACTCCC
 TGCACGTCCAGCAGCCACCGCCGCCCCAGCAGCCCCTGGCATACC
 CCAAGCTCCAAAGGCAGAAGCTGCAGAACGACATTGCCTCCCCTC
 TGCCCTTCCCCCAGGGTACCCACTTTCCTCAGCATTCCAGTCCTT
 CCCCACCTCCTCCACCTACTCCTCCTCTGTCCAGGGTGGTGGGCA
 GGGGGCCCCACTCCTATAAGAGTTGCACAGCACCGACTGCCCAGCC
 CCATGACAGGCCGCTGACTGCCAGCTCCAGCCTGGCCCCGGGGC
 AGCGGGTCCAGAATCTTCATGCCTACCAGTCGGGGCCGCCTCAGCT
 ATGACCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG
 CAAGCCCTTCAGAGCCGGCACCATGCCCAGGAAACCCTCCATTAC

FILE - 4A

APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
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CAAAACCTCGCCAAGTATCAGCACTACGGGCAGCAAGGCCAGGGC
 TACTGCCAGCCGGACGCAGCCGTCCGGACCCCAGAGCAGTACTAC
 CAGACCTTCAGCCCCAGCTCCAGCCACTCACCCGCCCGCTCCGTG
 GGCCGCTCACCTTCCTACAGTTCCACACCGTCGCCGCTGATGCCA
 AACCTGGAGAACTTTCCCTACAGCCAGCAGCCGCTCAGCACCGGG
 GCCTTCCCCGCAGGGATCACTGACCACAGCCACTTCATGCCCCTG
 CTCAATCCCTCCCCAACGGATGCCACCAGCTCTGTGGACACCCAG
 GCTGGCAACTGCAAGCCCCTTCAGAAGGACAAGCTCCCTGAGAAC
 CTGCTGTCGGATCTCAGCCTGCAGAGCCTCACGGCGCTGACCTTA
 CAGGTGGAGAACATCTCCAACACCGTCCAGCAGCTGCTGCTCTCC
 AAGGCTGCTGTGCCGCAGAAGAAAGGTGTCAAGAACCTCGTGTCC
 AGGACCCCAGAGCAGCATAAAAGCCAGCACTGCAGCCCCGAagGG
 AGCGGCTACTCAGCCGAGCCCGCAgGCACACCGCTGTCAGAGCCG
 CCGAGCAGCACGCCACAGTCCACGCATGCGGAGcCGCAGGAGGC
 CGACTACCTGAGCGGCTCCGAGGACCCACTGGAGCGCAgcTTCCT
 CTA CTGCAACCAGGCCCGTG GCGAGCCCTGCCAGGGTCAACAGCAA
 CTCGAAGGCCAAGCCCCGAGTCCGTGTCCACCTGTTCTGTGACCTC
 TCCTGACGACATGTCCACCAAATCTGACGACTCCTTCCAGAGCCTA
 CACGGCAGTCTGCCGCTCGACAGCTTCTCCAAGTTCTGTGGCGGGT
 GAGCGGGACTGTCCGCGGCTGCTGCTCAGCGCCCTGGCACAGgA
 GGACCTGGCCTCCGAGATCCTGGGGCTGCAGGAAGCCATCGGTG
 AGAAGGCCGACAAAGCTTGGGCTGAAGCACCCAGCCTGGTCAAGG
 ACAGCAGCAAGCCACCCTTCTCGCTGGAGAACCACAGCGCCTGCC
 TGGACTCTGTGGCCAAGAGTGCGTGGCCCCGGCCTGGGGAGCCG
 GAGGCCcTGCCCGACTCCTTG CAGCTGGACAAGGGCGGCAATGCC
 AAGGACTTCAGCCCAGGGCTGTTTGAAGACCCTTCCGTGGCCTTCg
 cTACGCCTGACCCCCAAAAAGACA ACTGGTCCTCTCTCCTTTGGTAC
 CAAGCCCACCCTTGGGGTTCCTGCTCCAGACCCCACTACAGCAGC

FIG. 4B

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

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TTTTGACTGTTTCCCGGACACAACCGCTGCCAGCTCAGCGGACAG
 CGCCAACCCCTTTGCCTGGCCAGAGGAAAACCTGGGGGATGCTTG
 TCCCAGGTGGGGATTGCACCCTGGCGAGCTTACCAAGGGCCTGGA
 GCAGGGTGGGAAGGCCTCAGATGGCATCAGCAAAGGGGACACCC
 ATGAGGCTTCGGCCTGCCTGGGCTTCCAGGAGGAGGACCCCCCTg
 GGGAGAAGGTGGCCTCGTTGCCCCGGGGACTTCAAGCAGGAGGAG
 GTGGGTGGGGTGAAGGAGGAGGCAGGTGGGCTGCTGCAGTGCCC
 CGAGGTGGCCAAGGCTGACCGGTGGCTGGAGGACAGCCGGCACT
 GCTGTTCCACCGCCGACTTCGGGGACCTCCCACTGCTGCCACCCA
 CCAGCAGGAAGGAGGACCTGGAAGCTGAGGAGGAGTACTCCTCC
 CTATGTGAGCTCCTGGGCAGCCCCGAGCAGAGGCCTGGCATGCA
 GGACCCGCTGTCACCCAAGGCCCCACTCATCTGCACCAAGGAGGA
 GGTGGAGGAGGTGCTGGACTCCAAGGCCGGCTGGGGCTCTCCGT
 GCCACCTCTCAGGGGAGTCCGTCATCCTGCTGGGCCCTACAGTGG
 GCACCGAGTCAAAGGTCCAGAGCTGGTTTGAGTCCTCTCTGTCACA
 CATGAAGCCAGGTGAAGAGGGGCCTGATGGGGAGCGAGCTCCAG
 GGGATTCCACCACCTCGGACGCCTCTCTGGCCCAGAAGCCCAACA
 AGCCTGCTGTGCCCCGAGGCGCCCATCGCAAAGAAAGAGCCTGTGC
 CACGGGGGCAAAAGCTTACGGAGCCGTCGGGTGCACCGGGGGCTG
 CCCGAGGCCGAGGACTCCCCATGCAGGGCACCAAGTGTGCCCCAA
 AGACCTCTTGCTCCCTGAATCCTGCACAGGGCCCCCCCCAGGGACA
 GATGGAAGGGGCTGGAGCCCCAGGCCGGGGGGCCTCGGAAGGG
 CTCCCCAGGATGTGTACTCGTTCTCTCACGGCCCTGAGTGAGCCC
 CGCACGCCCCGACCCCCAGGCCTGACCACCACCCCTGCACCCCC
 AGACAACTGGGGGGCAAGCAGCGAGCCGCCTTCAAGTCGGGCA
 AGCGGGTGGGGAAGCCCTCACCCAAGGCTGCCTCCAGCCCCAGC
 AACCCGGCCGCCCTGCCTGTGGCCTCCGACAGCAGCCCGATGGG
 CTCCAAGACCAAGGAGACAGACTCACCCAGCACGCCTGGCAAGGA

 - 4C



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CCAGCGCTCCATGATCCTTCGGTCACGCACCAAAACCCAGGAGAT
 CTTCCACTCCAAGCGGCGGAGGCCCTCTGAGGGCCGGCTCCCCA
 ACTGCCGTGCCACCAAGAAGCTCCTCGACAACAGCCACTTGCCCG
 CCACATTCAAGGTCTCCAGCAGCCCCCAGAAGGAGGGCAGGGTGA
 GCCAGCGGGCAAGGGTCCCCAAACCTGGTGCAGGCAGCAAGCTC
 TCTGACCGGCCCTCCATGCGCTCAAAGGAAGTCGGCCTTCATG
 GCGCCGGTCCCCACCAAGAAGCGGAACCTGGTCTTGCGgcacgGCA
 GCAGCAGCAGCAGCAACGCCAGTGCAATGGGGGAGATGGGAAGG
 AGGAGAGGCCTGAGGGTTCCCCACCCTCTTCAAGAGGATGTCTT
 CTcCCAAGAAAGCCAAGCCCCACCAAGGGCAATGGCGAGCCTgCCA
 CAAAGCTcCCACCCCCGgAGACCCCCATTCTGCcTCAAGCTCGCC
 TCTCGGCAgCCTTCCAGGGGGGCCATGAAGACCAAGGTGCTGCCAC
 CCCGGAAGGgCCGGGGCCTgAAGCTGGAAGCCATCGTGCAGAAGA
 TCACCTCGCCCAGCCTCAAGAAGTTCGCATGTAAAGCGCCAGGGG
 CCTCTCCTGGTAATCCTCTGAGCCCATCCCTTTCCGACAAAGACCG
 TGGGCTCAAGGGTGCTGGGGGCAGCCAGTGGGGGTGGAAGAAG
 GCCTGGTAAATGTGGGCACCGGGCAGAAGCTCCCAACTTCTGGGG
 CTGATCCGTTATGCAGAAATCCAACCAACAGATCCTTAAAAGGCAA
 ACTCATGAACAGTAAGAACTGTCTTCTACTGACTGTTTCAAACCG
 AGGCCTTCACATCCCCGGAGGCCCTGCAGCCTGGGgGGACTGCCC
 TGGCGCCTAAGAAGAGGAGCCGgAAAGGCCGGGCAGGGGCCCCAT
 GGACTCTCCAAAGGCCCGCTGGAGAAGCGGCCCTATCTTGGCCCCG
 GCTCTGCTCCTGACTCCCCGAGACAGGGCCAGTGGCACACAAGGG
 GCCAGTGAGGACAACCTCTGGTGGAGGAGGCAAGAAGCCAAAGATG
 GAGGAGCTGGGGCCCTGCCTCCCAGCCCCCGGAGGGCAGGCCCTG
 CCAGCCCCAGACAAGGGCACAGAAACAGCCAGGCCACACCAACTA
 CAGCAGCTATTCCAAGCGGAAGCGCCTCACTCGGGGCGGGCCA
 AGAACACCACCTCTTCACCCTGTAAGGGGCGTGCCAAGCGACGAC

FIG. 4

APPROVED	0.6 FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

009250" T2880560

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APPROVED	O.G.FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

GACAACAGCAGGTGCTGCCCCCTGGATCCCGCAGAGCCTGAAATCC
 GCCTCAAGTACATTTCTCTTGCAAGCGGCTGAGGTCAGACAGCC
 GGACCCCCGCCTTCTCACCCTTCGTGCGGGTGGAGAAGCGAGAC
 GCGTTCACCACCATATGCACTGTTGTCAACTCCCCTGGAGATGCGC
 CCAAGCCCCACAGGAAGCCTTCCTCCTCTGCCTCCTCTTCCTCATC
 CTCGTCTCTGTTCTCCTTGGATGCAGCCGGGGCCTCCCTGGCCAC
 ACTCCCTGGAGGCTCCATCCTGCAGCCGCGGCCCTCCTTGCCCCCT
 CTCCTCCACGATGCACTTGGGGCCTGTGGTTTCCAAGGCCCTGAG
 TACCTCTTGCCTTGTTTGCTGCCTCTGCCAAAACCCGGCCAACCTC
 AAGGACCTTGGGGACCTCTGTGGGCCCTACTACCCTGAACACTGC
 CTCCCCAAAAAGAAGCCAAAACCTCAAGGAGAAGGTGCGGCCAGAA
 GGCACCTGTGAGGAGGCCTCGCTGCCGCTTGAGAGAACACTCAA
 GGTCCCGAGTGTGCAGCTGCCGCCACTGCCGGGAAGCCCCCAG
 GTGACGGCCCAGCTGACCCGGCCAAGCAGGGCCCCACTGCGCACC
 AGTGCCCCGGGGCCTGTCCCGGAGGCTGCAGAGCTGCTACTGCTG
 TGATGGCCGGGAGGATGGGGGCGAGGAGGCAGCCCCAGCCGACA
 AGGGTCGCAAACATGAGTGCAGCAAGGAGGCTCCGGCAGAGCCC
 GGCGGGGAGGCCCAGGAGCACTGGGTGCATGAGGCCTGTGCCGT
 GTGGACCGGGCGGCGTCTACCTGGTGGCCGGGAAGCTCTTTGGGC
 TGCAG

FIG. 4E